

SEQUENCE LISTING

<110> Walke, D. Wade
Turner, C. Alexander Jr.

<120> Novel Human Membrane Proteins and
Polynucleotides Encoding the Same

<130> LEX-0109-USA

<150> US 60/171,567

<151> 1999-12-22

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 603

<212> DNA

<213> Homo sapien

<400> 1

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aaattatttg	ctagaaaaat	gaaaatctta	gggactatcc	agatcctggt	tggaattatg	180
acctttttct	ttggagttat	cttccttttc	accttggtta	aaccatatcc	aaggtttccc	240
tttataattc	tttcaggata	tccattctgg	ggctctggtt	tggttcattaa	ttctggagcc	300
ttcctaattg	cagtgaaaag	aaaaaccaca	gaaactctga	taatattgag	ccgaataatg	360
aatcttctta	gtgccttgag	agcaatagct	ggaatcattc	tcctcacatt	tggtttcatc	420
ctagatcaaa	actacatttg	tggttattct	caccaaata	gtcagtgtaa	ggctgttact	480
gtcctgttct	tggaattttt	gattacattg	atgactttca	gcattattga	attattcatt	540
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tga						603

<210> 2

<211> 199

<212> PRT

<213> Homo sapien

<400> 2

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Glu	Ile	Thr	Ala	Ser	Glu	Tyr	Glu	Ser	Thr	Glu	Leu	Ser	Ala	Thr	Thr
			20					25					30		
Phe	Ser	Thr	Gln	Ser	Pro	Leu	Gln	Lys	Leu	Phe	Ala	Arg	Lys	Met	Lys
			35				40					45			
Ile	Leu	Gly	Thr	Ile	Gln	Ile	Leu	Phe	Gly	Ile	Met	Thr	Phe	Ser	Phe
	50				55				60						
Gly	Val	Ile	Phe	Leu	Phe	Thr	Leu	Leu	Lys	Pro	Tyr	Pro	Arg	Phe	Pro
65				70					75					80	
Phe	Ile	Phe	Leu	Ser	Gly	Tyr	Pro	Phe	Trp	Gly	Ser	Val	Leu	Phe	Ile
			85					90					95		
Asn	Ser	Gly	Ala	Phe	Leu	Ile	Ala	Val	Lys	Arg	Lys	Thr	Thr	Glu	Thr

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      100              105              110
Leu Ile Ile Leu Ser Arg Ile Met Asn Leu Leu Ser Ala Leu Arg Ala
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Ile Ala Gly Ile Ile Leu Leu Thr Phe Gly Phe Ile Leu Asp Gln Asn
      130              135              140
Tyr Ile Cys Gly Tyr Ser His Gln Asn Ser Gln Cys Lys Ala Val Thr
145              150              155              160
Val Leu Phe Leu Gly Ile Leu Ile Thr Leu Met Thr Phe Ser Ile Ile
      165              170              175
Glu Leu Phe Ile Ser Leu Pro Phe Ser Ile Leu Gly Cys His Ser Glu
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Asp Cys Asp Cys Glu Gln Cys
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<210> 3
 <211> 246
 <212> DNA
 <213> Homo sapien

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actgtcctgt tcttggaat tttgattaca ttgatgactt tcagcattat tgaattattc      180
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<210> 4
 <211> 81
 <212> PRT
 <213> Homo sapien

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<400> 4
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      20              25              30
Gln Asn Ser Gln Cys Lys Ala Val Thr Val Leu Phe Leu Gly Ile Leu
      35              40              45
Ile Thr Leu Met Thr Phe Ser Ile Ile Glu Leu Phe Ile Ser Leu Pro
      50              55              60
Phe Ser Ile Leu Gly Cys His Ser Glu Asp Cys Asp Cys Glu Gln Cys
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Cys

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<210> 5
 <211> 417
 <212> DNA
 <213> Homo sapien

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aaattatttg ctagaaaaat gaaaatctta gggactatcc agatcctgtt tggaattatg      180
accttttctt ttggagttat cttccttttc accttggttaa aaccatatcc aaggtttccc      240
tttatatttc tttcaggata tccattctgg ggctctgttt tgttcattaa ttctggagcc      300

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ttcctaattg cagtgaaaag aaaaaccaca gaaactctga tcaaaactac atttgtggtt 360
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<210> 6
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<212> PRT
<213> Homo sapien

<400> 6
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Phe Ser Thr Gln Ser Pro Leu Gln Lys Leu Phe Ala Arg Lys Met Lys
35 40 45
Ile Leu Gly Thr Ile Gln Ile Leu Phe Gly Ile Met Thr Phe Ser Phe
50 55 60
Gly Val Ile Phe Leu Phe Thr Leu Leu Lys Pro Tyr Pro Arg Phe Pro
65 70 75 80
Phe Ile Phe Leu Ser Gly Tyr Pro Phe Trp Gly Ser Val Leu Phe Ile
85 90 95
Asn Ser Gly Ala Phe Leu Ile Ala Val Lys Arg Lys Thr Thr Glu Thr
100 105 110
Leu Ile Lys Thr Thr Phe Val Val Ile Leu Thr Lys Ile Val Ser Val
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Arg Leu Leu Leu Ser Cys Ser Trp Glu Phe
130 135

<210> 7
<211> 450
<212> DNA
<213> Homo sapien

<400> 7
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aaattatttg ctagaaaaat gaaaatctta gggactatcc agatcctggt tggaattatg 180
accttttctt ttggagttat cttccttttc accttggtta aaccatatcc aagggtttccc 240
tttatatttc tttcaggata tccattctgg ggctctgttt tgttcattaa ttctggagcc 300
ttcctaattg cagtgaaaag aaaaaccaca gaaactctgg gaattttgat tacattgatg 360
actttcagca ttattgaatt attcatttct ctgcctttct caattttggg gtgcactca 420
gaggattgtg attgtgaaca atgttggtga 450

<210> 8
<211> 149
<212> PRT
<213> Homo sapien

<400> 8
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20 25 30
Phe Ser Thr Gln Ser Pro Leu Gln Lys Leu Phe Ala Arg Lys Met Lys
35 40 45
Ile Leu Gly Thr Ile Gln Ile Leu Phe Gly Ile Met Thr Phe Ser Phe

50 55 60
 Gly Val Ile Phe Leu Phe Thr Leu Leu Lys Pro Tyr Pro Arg Phe Pro
 65 70 75 80
 Phe Ile Phe Leu Ser Gly Tyr Pro Phe Trp Gly Ser Val Leu Phe Ile
 85 90 95
 Asn Ser Gly Ala Phe Leu Ile Ala Val Lys Arg Lys Thr Thr Glu Thr
 100 105 110
 Leu Gly Ile Leu Ile Thr Leu Met Thr Phe Ser Ile Ile Glu Leu Phe
 115 120 125
 Ile Ser Leu Pro Phe Ser Ile Leu Gly Cys His Ser Glu Asp Cys Asp
 130 135 140
 Cys Glu Gln Cys Cys
 145

<210> 9
 <211> 676
 <212> DNA
 <213> Homo sapien

<400> 9
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 ccacgacctt ttcaactcaa agccccttgc aaaaattatt tgctagaaaa atgaaaatct 180
 tagggactat ccagatcctg tttggaatta tgaccttttc ttttggagtt atcttccttt 240
 tcacctgttt aaaaccatat ccaagggttc cctttatatt tctttcagga tatccattct 300
 ggggctctgt tttgttcatt aattctggag ccttcctaat tgcagtgaaa agaaaaacca 360
 cagaaactct gataatattg agccgaataa tgaatcttct tagtgccctg agagcaatag 420
 ctggaatcat tctcctcaca tttgggtttca tcctagatca aaactacatt tgtgggttatt 480
 ctcacaaaaa tagtcagtgt aaggctgtta ctgtcctgtt cttgggaatt ttgattacat 540
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 actcagagga ttgtgattgt gaacaatggt gttgactagc actgtgagaa taaagatgtg 660
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